

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2004/003265

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 F01L13/00 F01L1/24 F01L1/14 F01L1/18

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 F01L D01L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	GB J06650A (PAXMAN & CO LTD DAVEY; WILLIAM WARNER JUDD) 14 October 1909 (1909-10-14) the whole document	1
A	US 2002/162522 A1 (MORRM BERNHARD) 7 November 2002 (2002-11-07) the whole document	1
A,P	DE 101 40 635 A (FLIERL RUDOLF) 24 April 2003 (2003-04-24) the whole document	1-7,9-14
A	EP 0 111 768 A (FIAT AUTO SPA) 27 June 1984 (1984-06-27) the whole document	1

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

## ° Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- \*&\* document member of the same patent family

Date of the actual completion of the international search Date of mailing of the international search report

27 August 2004

03/09/2004

Name and mailing address of the ISA  
European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Klinger, T

**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International Application No

PCT/EP2004/003265

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
GB 190906650	A	14-10-1909	NONE			
US 2002162522	A1	07-11-2002	EP AT ES	1255027 A1 272787 T 2185519 T1	06-11-2002 15-08-2004 01-05-2003	
DE 10140635	A	24-04-2003	DE	10140635 A1	24-04-2003	
EP 0111768	A	27-06-1984	IT BR EP ES	1157983 B 8306947 A 0111768 A1 8501839 A1	18-02-1987 31-07-1984 27-06-1984 01-03-1985	